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Basic Study

Reabsorption of iron into acutely damaged rat liver: A role for ferritins

Ihtaz Ahmed Malik, Jörg Wilting, Giuliano Ramadori, Naila Naz

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- 1** **Crossref** 19 words
Tse-Min Chen. "Single dose intravenous thioacetamide a ...
ministration as a model of acute liver damage in rats", Inter <1%
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Reabsorption of iron into acutely damaged rat liver: a role for ferritins

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[Targeting Iron Homeostasis in Acute Kidney Injury - NCBI - NIH](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5439503/)

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22 May 2017 ... Because of **iron's** ability to cause oxidative **damage**, its transport, metabolism, ... **iron** plays a major **role** in **acute** kidney injury and has been a target for ... Targeting **iron** trafficking via **ferritin**, ferroportin, or hepcidin may offer new insights ... Heme oxygenases (HOs) degrade heme to release free **iron into** the ...

[Proximal tubule H-ferritin mediates iron trafficking in acute kidney ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3784534/)

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9 Sep 2013 ... **Ferritin** plays a central **role** in **iron** metabolism and is made of 24 ... was to investigate the **role** of FtH in **acute** kidney injury (AKI) and renal **iron** ... of **iron into** the **ferritin** shell and thereby attenuating participation of free ... Conditional deletion of **ferritin H** in mice induces loss of **iron** storage and **liver damage**.

[Plasma Protein Haptoglobin Modulates Renal Iron Loading](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1602399/)

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6 Jan 2005 ... Release of hemoglobin **into** plasma is a physiological phenomenon ... serum **iron** and **ferritin** levels than the Hp(2-1) and Hp(1-1) types. ... In the **liver**, **iron** content was similar in wild-type and Hp-null mice at all ... Hemoglobin- and myoglobin- induced **acute** renal failure in **rats**: **role** of **iron** in nephrotoxicity.

[\[PDF\] Anti-inflammatory role of naringenin in rats with ethanol induced ...](http://www.ugcfrp.ac.in/images/userfiles/45146-5.pdf)

www.ugcfrp.ac.in/images/userfiles/45146-5.pdf

6) also plays an important **role** in **hepatic acute** phase ... **Rats** were divided **into** four groups, groups 1 and 2 received isocaloric glucose; groups 3 and ... transaminases, **iron**, **ferritin**, transforming growth factor-alpha (TNF- α), interleukin -6 (IL-6), nuclear ... Keywords: Naringenin, **liver damage**, ethanol, inflammatory markers.

[Differential Regulation of Ferritin Subunits and Iron Transport ...](#)

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作者: VJ Walker - 2016 - 被引用次数: 7 - 相关文章

2017年5月22日 - Because of **iron's** ability to cause oxidative **damage**, its transport, metabolism, ... **Iron** plays a major **role** in **acute** kidney injury and has been a target for ... Targeting **iron** trafficking via **ferritin**, ferroportin, or hepcidin may offer new insights. ... Heme oxygenases (HOs) degrade heme to release free **iron** into the ...

Proximal tubule H-ferritin mediates iron trafficking in acute kidney injury

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作者: A Zarjou - 2013 - 被引用次数: 47 - 相关文章

2013年9月9日 - **Ferritin** plays a central **role** in **iron** metabolism and is made of 24 ... The purpose of this study was to investigate the **role** of FtH in **acute** kidney injury (AKI) and renal **iron** ... **iron** into the **ferritin** shell and thereby attenuating participation of free ... in the kidneys and, to a lesser extent, the **livers** of FtH^{PT-/-} mice.

Plasma Protein Haptoglobin Modulates Renal Iron Loading - NCBI - NIH

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作者: S Fagoonee - 2005 - 被引用次数: 81 - 相关文章

2005年1月6日 - Release of hemoglobin **into** plasma is a physiological phenomenon ... serum **iron** and **ferritin** levels than the Hp(2-1) and Hp(1-1) types. In the **liver**, **iron** content was similar in wild-type and Hp-null mice at all Hemoglobin- and myoglobin-induced **acute** renal failure in **rats**: **role** of **iron** in nephrotoxicity.

Mineral Tolerance of Animals: Second Revised Edition, 2005

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Proximal tubule H-ferritin mediates iron trafficking in acute kidney injury

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2013年9月9日 - **Ferritin** plays a central **role** in **iron** metabolism and is made of 24 ... was to investigate the **role** of FtH in **acute** kidney injury (AKI) and renal **iron** ... **iron into** the **ferritin** shell and thereby attenuating participation of free ... FtH in whole-liver lysates from FtH^{PT+/+} and FtH^{PT-/-} mice (Figure (Figure1,1, B and C).

Mineral Tolerance of Animals: Second Revised Edition, 2005

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National Research Council, Division on Earth and Life Studies, Board on Agriculture and Natural Resources - 2006 - Technology & Engineering

Iron in excess of need is stored intracellularly as **ferritin** and hemosiderin, principally in the macrophage system of the **liver**, spleen, and bone marrow (Fairbanks, 1994). ... Experimental **acute iron** loading of cultured (beating) **rat** myocardial cells ... **damage** and rupture, releasing damaging lysosomal digestive enzymes **into** ...

[PDF] Effect of Nerium oleander (NO) Leaves Extract on Serum hepcidin ...

<https://www.researchgate.net/...Iron...Infiltration...Rat/...Effect-of-Nerium-o...> ▼ 翻译此页

作者: MH Abbasi - 2013 - 被引用次数: 4 - 相关文章

Serum hepcidin, Total **Iron**, and Infiltration of ED1 Positive ... To gain insight **into** the hepatohistological alterations in noninjured **rat liver**, ... and supplements is considered to play a **role** in the onset

Creative Diagnostics (NY, USA), and Serum **ferritin** kit pack effects and provided a model of **acute**